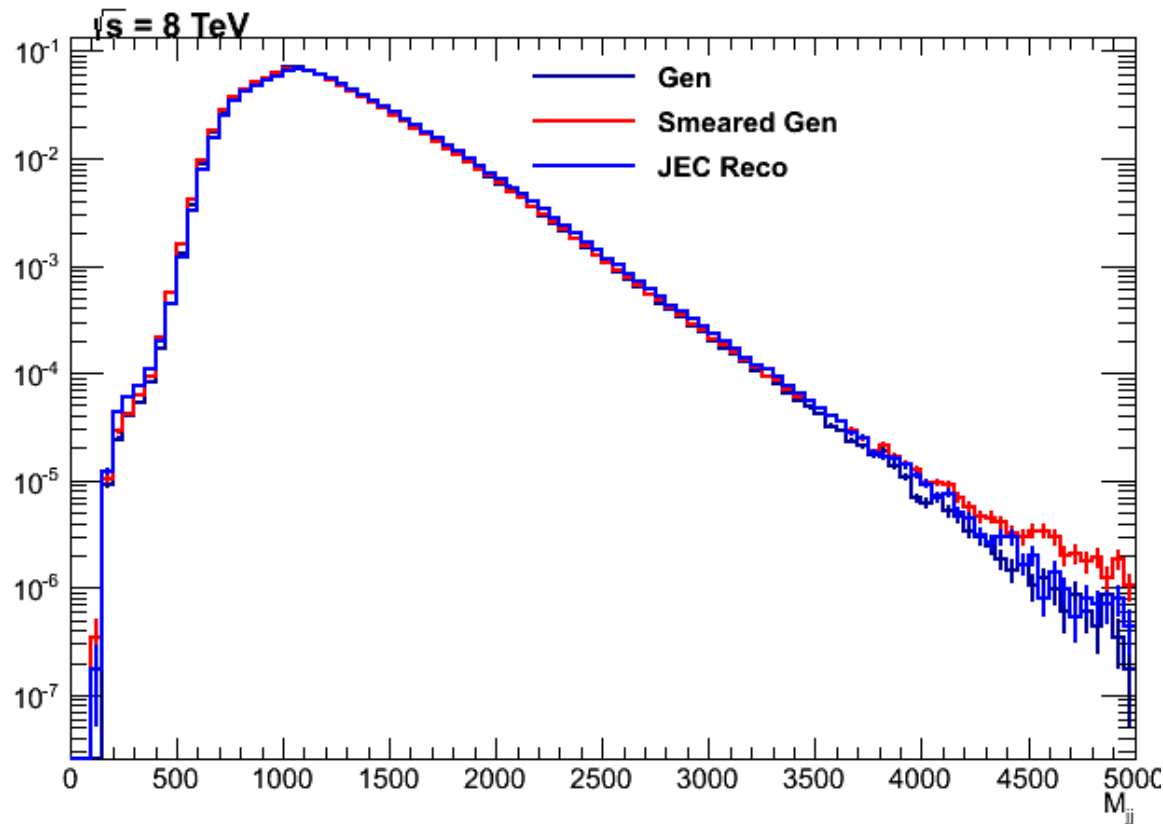
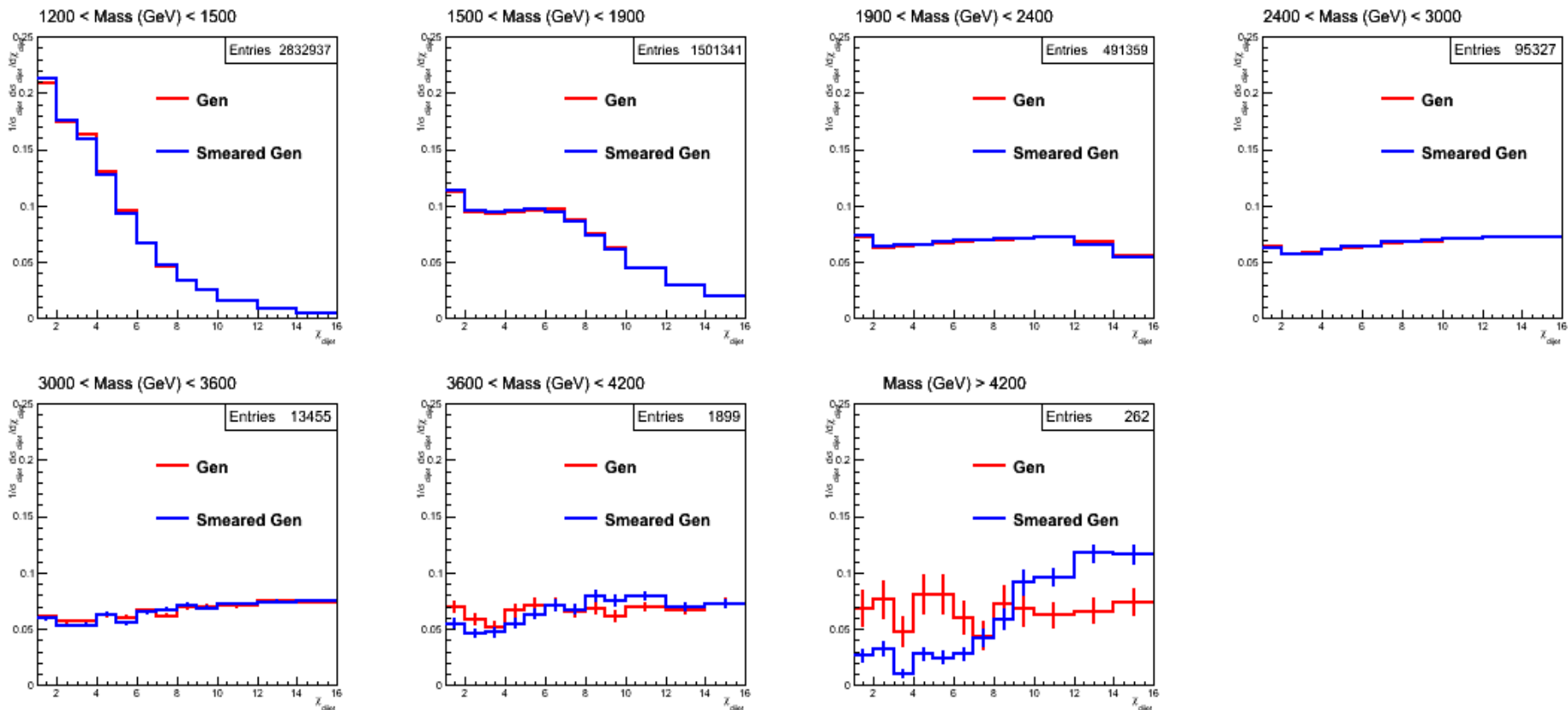


Dijet mass distribution

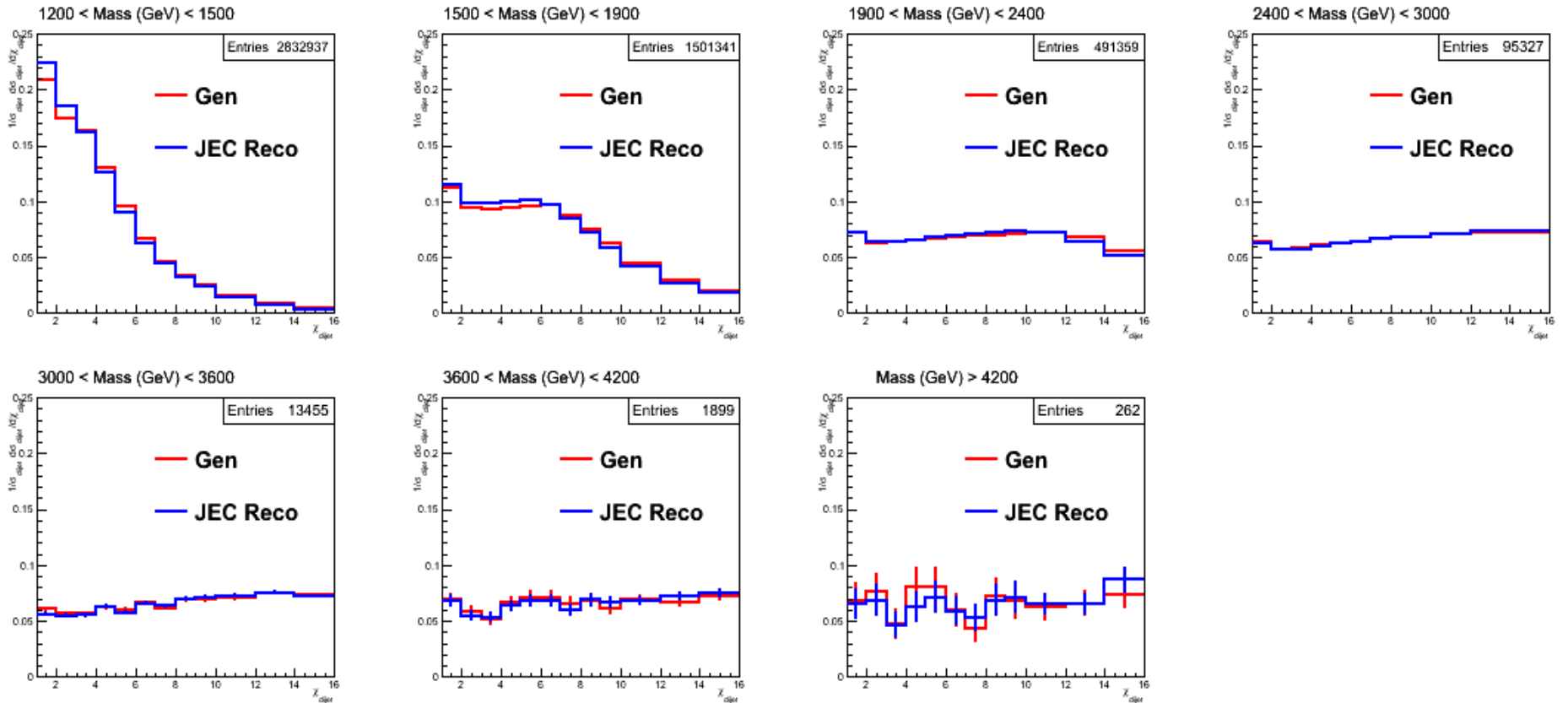


- ☒ JEC 53x PFJets are used to compare with Genjets
- ☐ New QCD sample - slightly higher statistics (as suggested by Andreas)
[/QCD_HT-1000ToInf_TuneZ2star_8TeV-madgraph-pythia6/Summer12_DR53X-PU_S10_START53_V7A-v1/AODSIM](#)
- ☐ This sample has more statistics but not sufficient for higher M_{jj} bins.
- ☐ I have kept a P_T cut of 350 GeV for leading and 100 GeV for next-leading jet

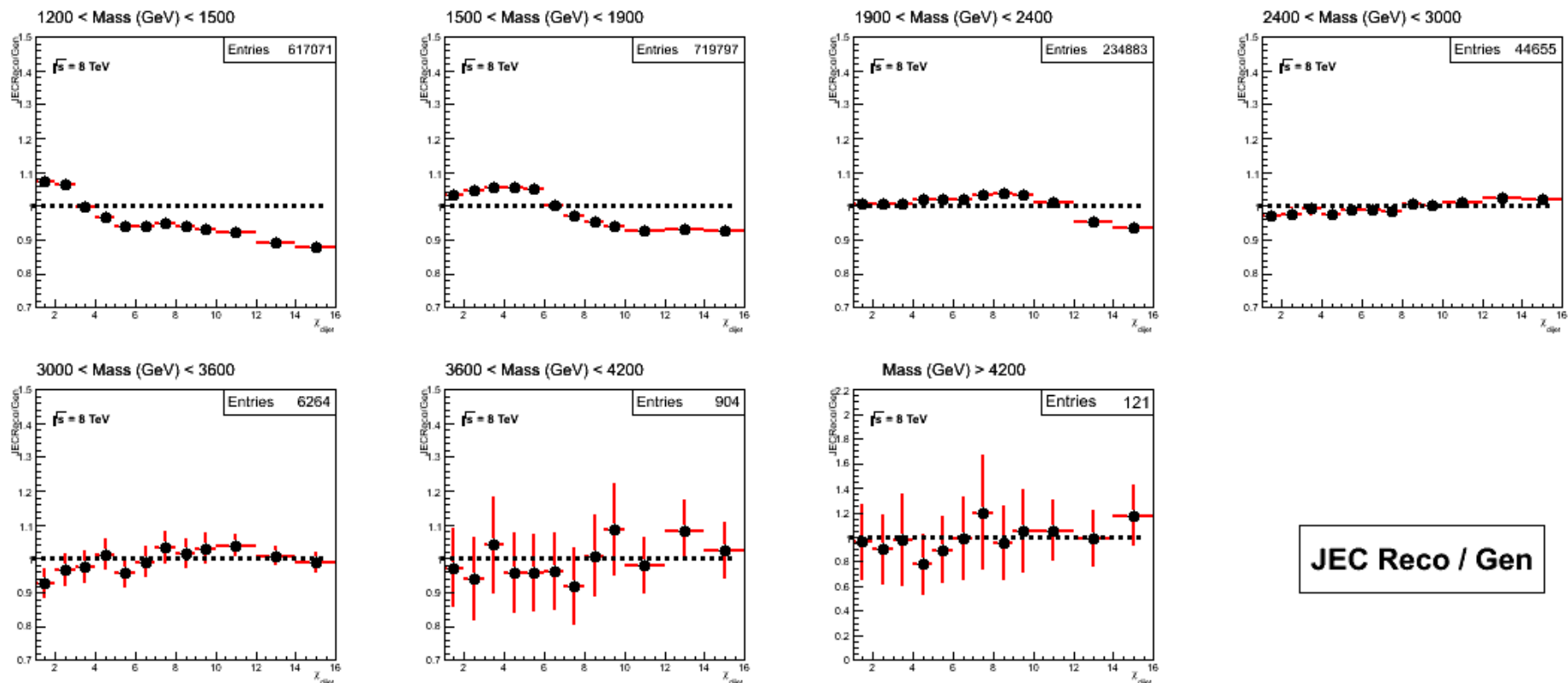
Chi distributions (Gen, Smeared Gen)



Chi Distributions (Gen, JEC Reco)

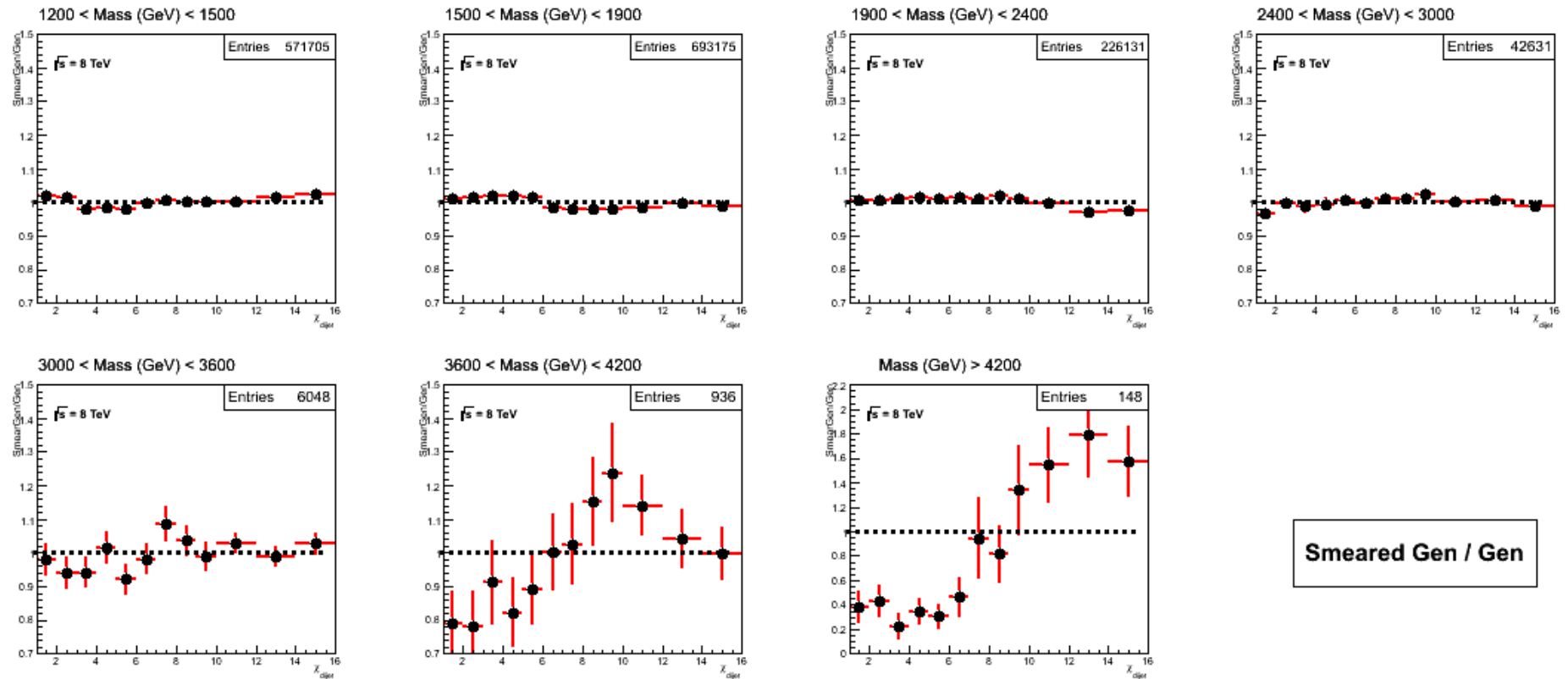


Ratio of Chi for JEC Reco / Gen



JEC Reco / Gen

Ratio of Chi for Smeared Gen / Gen



Ratio of Chi for Smeared Gen/ JEC Reco

